



SEQUENCE LISTING

A1
 <110> Strom, Terry B.
 Maslinski, Wlodzimierz
 Zheng, Xin Xiao
 Kim, Yon Su
 Lacraz, Sylvie Ferrari

<120> COMPOSTION AND METHOD FOR ACHIEVING
 IMMUNE SUPPRESSION

<130> 01948-056001

<140> 09/855,313

<141> 2001-05-14

<150> 60/203,801

<151> 2000-05-12

<160> 7

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 489

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (1)...(486)

<400> 1
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 Met Arg Ile Ser Lys Pro His Leu Arg Ser Ile Ser Ile Gln Cys Tyr
 1 5 10 15
 ttg tgt tta ctt cta aac agt cat ttt cta act gaa gct ggc att cat 96
 Leu Cys Leu Leu Leu Asn Ser His Phe Leu Thr Glu Ala Gly Ile His
 20 25 30
 gtc ttc att ttg ggc tgt ttc agt gca ggg ctt cct aaa aca gaa gcc 144
 Val Phe Ile Leu Gly Cys Phe Ser Ala Gly Leu Pro Lys Thr Glu Ala
 35 40 45
 aac tgg gtg aat gta ata agt gat ttg aaa aaa att gaa gat ctt att 192
 Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 50 55 60
 caa tct atg cat att gat gct act tta tat acg gaa agt gat gtt cac 240
 Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
 65 70 75 80
 ccc agt tgc aaa gta aca gca atg aag tgc ttt ctc ttg gag tta caa 288
 Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
 85 90 95

gtt att tca ctt gag tcc gga gat gca agt att cat gat aca gta gaa 336
 Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 100 105 110
 aat ctg atc atc cta gca aac aac agt ttg tct tct aat ggg aat gta 384
 Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
 115 120 125
 aca gaa tct gga tgc aaa gaa tgt gag gaa ctg gag gaa aaa aat att 432
 Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 130 135 140
 aaa gaa ttt ttg gac agt ttt gta cat att gtc gac atg ttc atc aac 480
 Lys Glu Phe Leu Asp Ser Phe Val His Ile Val Asp Met Phe Ile Asn
 145 150 155 160
 act tct tga 489
 Thr Ser

<210> 2
 <211> 162
 <212> PRT
 <213> Homo sapiens

<400> 2
 Met Arg Ile Ser Lys Pro His Leu Arg Ser Ile Ser Ile Gln Cys Tyr
 1 5 10 15
 Leu Cys Leu Leu Leu Asn Ser His Phe Leu Thr Glu Ala Gly Ile His
 20 25 30
 Val Phe Ile Leu Gly Cys Phe Ser Ala Gly Leu Pro Lys Thr Glu Ala
 35 40 45
 Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
 50 55 60
 Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
 65 70 75 80
 Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
 85 90 95
 Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
 100 105 110
 Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
 115 120 125
 Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
 130 135 140
 Lys Glu Phe Leu Asp Ser Phe Val His Ile Val Asp Met Phe Ile Asn
 145 150 155 160
 Thr Ser

<210> 3
 <211> 489
 <212> DNA
 <213> Homo sapiens

<220>

Cont
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<221> CDS

<222> (1)...(486)

<400> 3

atg aga att tcg aaa cca cat ttg aga agt att tcc atc cag tgc tac 48
Met Arg Ile Ser Lys Pro His Leu Arg Ser Ile Ser Ile Gln Cys Tyr
1 5 10 15

ttg tgt tta ctt cta aac agt cat ttt cta act gaa gct ggc att cat 96
Leu Cys Leu Leu Leu Asn Ser His Phe Leu Thr Glu Ala Gly Ile His
20 25 30

gtc ttc att ttg ggc tgt ttc agt gca ggg ctt cct aaa aca gaa gcc 144
Val Phe Ile Leu Gly Cys Phe Ser Ala Gly Leu Pro Lys Thr Glu Ala
35 40 45

aac tgg gtg aat gta ata agt gat ttg aaa aaa att gaa gat ctt att 192
Asn Trp Val Asn Val Ile Ser Asp Leu Lys Lys Ile Glu Asp Leu Ile
50 55 60

caa tct atg cat att gat gct act tta tat acg gaa agt gat gtt cac 240
Gln Ser Met His Ile Asp Ala Thr Leu Tyr Thr Glu Ser Asp Val His
65 70 75 80

ccc agt tgc aaa gta aca gca atg aag tgc ttt ctc ttg gag tta caa 288
Pro Ser Cys Lys Val Thr Ala Met Lys Cys Phe Leu Leu Glu Leu Gln
85 90 95

gtt att tca ctt gag tcc gga gat gca agt att cat gat aca gta gaa 336
Val Ile Ser Leu Glu Ser Gly Asp Ala Ser Ile His Asp Thr Val Glu
100 105 110

aat ctg atc atc cta gca aac aac agt ttg tct tct aat ggg aat gta 384
Asn Leu Ile Ile Leu Ala Asn Asn Ser Leu Ser Ser Asn Gly Asn Val
115 120 125

aca gaa tct gga tgc aaa gaa tgt gag gaa ctg gag gaa aaa aat att 432
Thr Glu Ser Gly Cys Lys Glu Cys Glu Glu Leu Glu Glu Lys Asn Ile
130 135 140

aaa gaa ttt ttg cag agt ttt gta cat att gtc caa atg ttc atc aac 480
Lys Glu Phe Leu Gln Ser Phe Val His Ile Val Gln Met Phe Ile Asn
145 150 155 160

act tct tga 489
Thr Ser

<210> 4

<211> 162

<212> PRT

<213> Homo sapiens

<400> 4

Met Arg Ile Ser Lys Pro His Leu Arg Ser Ile Ser Ile Gln Cys Tyr
1 5 10 15

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 Out
 A1

Leu	Cys	Leu	Leu	Leu	Asn	Ser	His	Phe	Leu	Thr	Glu	Ala	Gly	Ile	His
		20						25					30		
Val	Phe	Ile	Leu	Gly	Cys	Phe	Ser	Ala	Gly	Leu	Pro	Lys	Thr	Glu	Ala
		35					40					45			
Asn	Trp	Val	Asn	Val	Ile	Ser	Asp	Leu	Lys	Lys	Ile	Glu	Asp	Leu	Ile
	50					55					60				
Gln	Ser	Met	His	Ile	Asp	Ala	Thr	Leu	Tyr	Thr	Glu	Ser	Asp	Val	His
65					70					75				80	
Pro	Ser	Cys	Lys	Val	Thr	Ala	Met	Lys	Cys	Phe	Leu	Leu	Glu	Leu	Gln
			85						90				95		
Val	Ile	Ser	Leu	Glu	Ser	Gly	Asp	Ala	Ser	Ile	His	Asp	Thr	Val	Glu
			100					105					110		
Asn	Leu	Ile	Ile	Leu	Ala	Asn	Asn	Ser	Leu	Ser	Ser	Asn	Gly	Asn	Val
		115					120					125			
Thr	Glu	Ser	Gly	Cys	Lys	Glu	Cys	Glu	Glu	Leu	Glu	Glu	Lys	Asn	Ile
	130					135					140				
Lys	Glu	Phe	Leu	Gln	Ser	Phe	Val	His	Ile	Val	Gln	Met	Phe	Ile	Asn
145					150					155	—				160
Thr	Ser														

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 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetically generated oligonucleotide

<400> 5
 ggaattcaac tgggtgaatg taata

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<210> 6
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetically generated oligonucleotide

<400> 6
 cgggatcctc aagaagtgtt gatgaa

26

<210> 7
 <211> 60
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetically generated oligonucleotide

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60